

Amendments to the Claims

Cancel nonelected claims 1-8 and 10, subject to the filing of a continuation and/or divisional patent application, and reserving all rights.

The following listing of claims will replace all prior versions and listings of claims in the application:

1. (canceled)
2. (canceled)
3. (canceled)
4. (canceled)
5. (canceled)
6. (canceled)
7. (canceled)
8. (canceled)

9. (previously presented) A storage arrangement for oxygen-sensitive products including provision for indicating the presence of oxygen comprising:

- a. a sealable container that isolates contents of the sealable container from ambient atmosphere when sealed;
- b. oxygen-sensitive product located within the sealable container;
- c. an oxygen-sensitive material located within the sealable container, the oxygen-sensitive material being inactive prior to exposure to radiation and activatable by exposure to radiation, the activation of the oxygen-sensitive material causing the oxygen-sensitive material to become sensitive to oxygen exposure only after activation and to remain sensitive to oxygen exposure after completion of radiation exposure and to undergo a visual change in response to subsequent contact with oxygen; and,
- d. the oxygen-sensitive material being distinct from the oxygen-sensitive product.

10. (canceled)

11. (previously presented) The storage arrangement of claim 9, wherein the oxygen-sensitive material comprises a piece of oxygen-sensitive material fixed inside the sealable container and separate from any other contents of the sealable container.

12. (previously presented) The storage arrangement of claim 9, wherein the visual change of the oxygen-sensitive material indicates a failure of the sealable container.

13. (previously presented) The storage arrangement of claim 9, wherein the oxygen-sensitive material is an oxygen-sensitive polymeric composition.

14. (previously presented) The storage arrangement of claim 13, wherein the oxygen-sensitive polymeric composition is a polycarbonate composition activated by an effective amount of gamma radiation.

15. (previously presented) The storage arrangement of claim 14, wherein the effective amount of gamma radiation is from about 25 Kilograys to about 45 Kilograys.

16. (previously presented) The storage arrangement of claim 9, wherein the sealable container comprises:

- a. a gas-impermeable foil pouch; and,
- b. a cardboard protective packaging for the foil pouch.

17. (previously presented) The storage arrangement of claim 16, wherein the gas-impermeable foil pouch is a multi-layer package comprising:

- a. a silicone oxide treated PET layer;
- b. a foil layer;
- c. a biaxially oriented nylon layer; and,
- d. a polyethylene layer.

18. (previously presented) The storage arrangement of claim 9, wherein the oxygen-sensitive material is formed as a generally planar chip of oxygen-sensitive material and is operably positioned adjacent to a backing material such that a combination of the backing material and the planar chip of oxygen-sensitive material increases effective visibility of the visual change in the oxygen-sensitive material over visibility of visual change of the oxygen-sensitive material alone.

19. (previously presented) The storage arrangement of claim 9, wherein the oxygen-sensitive material undergoes the visual change within 8 hours after exposure to a significant amount of oxygen after completion of radiation exposure.

20. (previously presented) The storage arrangement of claim 19, wherein the oxygen-sensitive material undergoes the visual change within 1-2 hours after exposure to the significant amount of oxygen after completion of radiation exposure.

21. (previously presented) The storage arrangement of claim 9, wherein the contents of the sealable container include contents selected from the set consisting of a medical device, a pharmaceutical, a food product, and any combination thereof.

22. (previously presented) The storage arrangement of claim 9, wherein the oxygen-sensitive material is arranged to form at least one symbol that assists in interpreting the visual change of the oxygen-sensitive material.

23. (previously presented) A storage arrangement for oxygen-sensitive products including provision for indicating the presence of oxygen comprising:

- a. a sealable container that isolates contents of the sealable container from ambient atmosphere when sealed;
- b. oxygen-sensitive product located within the sealable container;
- c. an initially oxygen-poor atmosphere located within the sealable container;
- d. an oxygen-sensitive material located within the sealable container, the oxygen-sensitive material being a material that undergoes a visual change when in contact with oxygen to reveal the presence of oxygen in the initially oxygen-poor atmosphere subsequent to irradiation; and,
- e. the oxygen-sensitive material being distinct from the oxygen-sensitive product.

24. (previously presented) The storage arrangement of claim 23, wherein the oxygen-sensitive material becomes oxygen-sensitive as a result of irradiation, and remains oxygen-sensitive after completion of radiation exposure.